

High School to College and Career Pathway: Secondary

Area of Study: Health Science & Technology Education



Pathway: Therapeutic Services Pharmacy

| Middle School | | State Requirements | | | High School Suggested Education Plan | | | | College & Careers | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|--------------------------------|---|--|---|----------------------------------|---|---|----------|--------------------------------|--------|---------|---------------------|------|-------------------|--|--|---------|--------------------------------|-----|---------|------------------------------|------|---------|---------------------|-----|---------|--|------|---------|--|
| 7 th Grade | 8 th Grade | Middle School | | High School | 9 th Grade Suggested | 10 th Grade Suggested | 11 th Grade Suggested | 12 th Grade Suggested | Beyond High School | | | | | | | | | | | | | | | | | | | | | | | |
| Language Arts 7 1.00 | Language Arts 8 1.00 | 2.00 | Language Arts | 3.00 | Language Arts 9 1.00 | Language Arts 10 1.00 | Language Arts 11 1.00 | Language Arts 12 1.00 | <p>There are a number of options for education and training beyond high school, depending on your career goals.</p> <p>> Certificate</p> <p>> Associate degree</p> <p>> Bachelor's degree</p> <p>> Professional degree</p> <p>> On-the-job training</p> <p>> Apprenticeship</p> <p>> Military training</p> | | | | | | | | | | | | | | | | | | | | | | | |
| Pre-Algebra 1.00 | Elem. Algebra or Applied Math 1.00 | 2.00 | Math | 2.00 | Geometry 1.00 | Intermediate Algebra 1.00 | Pre-calculus 1.00 | Calculus or Statistics 1.00 | | | | | | | | | | | | | | | | | | | | | | | | |
| Science .50 | Science 1.00 | 1.50 | Science | 2.00 | Biology or Human Biology 1.00 | Chemistry 1.00 | Physics 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Utah Studies .50 | U.S. History I 1.00 | 1.50 | Social Studies | 2.50 | Geography for Life .50 | World Civilizations .50 | U.S. History II 1.00 | U.S. Government and Citizenship .50 | | | | | | | | | | | | | | | | | | | | | | | | |
| P.E. 1.00 | Health .50 | 1.50 | P.E./Health | 2.00 | Participation Skills and Techniques .50 | Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| The Arts .50 | The Arts .50 | 1.00 | Fine Arts | 1.50 | Fine Arts Courses 1.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Financial Literacy | .50 | | | Financial Literacy .50 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keyboarding .50 | | | Computer Tech. | .50 | Computer Technology .50 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CTE Intro 1.00 | | 1.00 | Career and Technical Education | 1.00 | <div><div>Career and Technical Education Recommended Pathway Courses</div><div>(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)</div><div>CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL</div><table><thead><tr><th>Course #</th><th>Foundation Courses: (required)</th><th>Credit</th></tr></thead><tbody><tr><td>51.0805</td><td>Pharmacy Technician</td><td>2.00</td></tr><tr><td colspan="3">Elective Courses:</td></tr><tr><td>51.0001</td><td>Health Science, Introduction *</td><td>.50</td></tr><tr><td>51.1399</td><td>Medical Anatomy & Physiology</td><td>1.00</td></tr><tr><td>51.0799</td><td>Medical Terminology</td><td>.50</td></tr><tr><td>51.1199</td><td>Health Science, Advanced (capstone course)</td><td>1.00</td></tr><tr><td>32.0199</td><td>Student Internship (Critical Workplace Skills)</td><td>.50</td></tr></tbody></table><p>* It is preferred that this course be taken prior to any foundation course.</p><p>Many Utah post-secondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional post-secondary Pathways for details.</p></div> | | | | | Course # | Foundation Courses: (required) | Credit | 51.0805 | Pharmacy Technician | 2.00 | Elective Courses: | | | 51.0001 | Health Science, Introduction * | .50 | 51.1399 | Medical Anatomy & Physiology | 1.00 | 51.0799 | Medical Terminology | .50 | 51.1199 | Health Science, Advanced (capstone course) | 1.00 | 32.0199 | Student Internship (Critical Workplace Skills) |
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| 51.1399 | Medical Anatomy & Physiology | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 51.0799 | Medical Terminology | .50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Workforce Trends</p> <p><u>Pharmacy Technician:</u> With increased medical needs of an aging population and additional tasks given to pharmacy techs., many job opportunities will be created, especially for those with formal training and certification.</p> <p><u>Pharmacist:</u> New opportunities are emerging for pharmacists in managed care organizations, where they analyze trends and patterns in medication use, and in pharmacoeconomics—the cost and benefit analysis of different drug therapies.</p> <p>Get the Facts</p> <p>Pharmaceutical makers are accustomed to a research-to-market cycle of as long as 10 years in order to discover, develop and commercially launch a new drug.</p> | | <p>Core Curriculum and elective requirements may vary district to district. Check with your school counselor.</p> <p>Concurrent enrollment course offerings vary by school and district.</p> <p>In Utah, a pharmacist must be licensed.</p> | | <p>2.00 credits</p> <p>1.00 credit</p> <p>3.00 credits for completion</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | <p>For more information on salary projections, labor market demand, and training options, visit www.careers.utah.gov.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
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Note: For more information, talk to your school counselor.